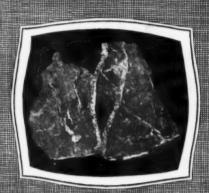
The Most Important Mineral in the World

Vol. 8

FEBRUARY 1927

No. 8



PUBLISHED BY

SECRETARIAL SERVICE

1701 WINTER STREET
Philadelphia U.S.A.

## We are the SOLE DISTRIBUTORS

of the

### ASBESTOS PRODUCTION

of the following

### RHODESIAN MINES

SHABANIE - registered mark C & G

GATHS - registered mark VRA

KINGS - registered mark



BIRTHDAY ORPHAN'S LUCK

## Hobdell, Way & Co.

LONDON. ENG.

Special Representatives

W. D. CRUMPTON & CO.

Rooms 1008-9, No. 10 Bridge St.

New York City - New York

To Whom All Inquiries Should Be Addressed

### ... ASBESTOS ...

#### A MONTHLY MARKET JOURNAL

DEVOTED TO THE INTERESTS OF THE ASBESTOS AND MAGNESIA INDUSTRIES

A. S. ROSSITER

EDITOR

#### PUBLISHING OFFICE

### 246 NORTH 17th STREET

PHILADELPHIA, · PENNSYLVANIA

Entered As Second Class Matter November 23, 1923. at the Post Office at Philadelphia, Pennsylvania, Under Act of March 3, 1879

Volume VIII

FEBRUARY 1927

Number 8

### CONTENTS

The Distribution of Asbestos         2           The Rubber Industry         4           Fact and Fancy         6           Theatre Curtains         6           Census of Manufacturers         6           House Insulation         6           A Blue Crude Controversy         8           Friction Material for Heavy Machinery         8           Canadian Vs. United States         10           Difficulties in the Blue Asbestos Field         11           Production and Imports by Grades         11           The Oil Rectifier With the Asbestos Filter         12           Asbestos Waste As a Soil Corrector         14           Some Questions Answered         16           Market Conditions         20           Brake Lines         22           Production Statistics         24           Contractors and Distributors Page         27           Wage Notes         27           Building Statistics         28           Imports and Exports         30           Automobile Statistics         41           News of the Industry         42           Patents         46	_							Page
Fact and Fancy	The Distribution of Asbestos		-	-	-			- 2
Theatre Curtains	The Rubber Industry -	-	-					4
Census of Manufacturers         6           House Insulation         6           House Insulation         8           A Blue Crude Controversy         8           Friction Material for Heavy Machinery         8           Canadian Vs. United States         10           Difficulties in the Blue Asbestos Fled         11           Production and Imports by Grades         11           The Oil Rectifier With the Asbestos Fliter         12           Asbestos Waste As a Soil Corrector         14           Some Questions Answered         16           Market Conditions         20           Brake Lines         22           Production Statistics         24           Contractors and Distributors Page         27           Wage Notes         27           Building Statistics         28           Imports and Exports         30           Automobile Statistics         41           News of the Industry         42								
House Insulation				-	-			- 6
A Blue Crude Controversy         8           Friction Material for Heavy Machinery         8           Canadlan Vs. United States         10           Difficulties in the Blue Asbestos Fled         11           Production and Imports by Grades         11           The Oil Rectifier With the Asbestos Fliter         12           Asbestos Waste As a Soil Corrector         14           Some Questions Answered         16           Market Conditions         20           Brake Lines         22           Production Statistics         24           Contractors and Distributors Page         27           Wage Notes         27           Building Statistics         28           Imports and Exports         30           Automobile Statistics         41           News of the Industry         42								6
Friction Material for Heavy Machinery   S					-			- 6
Canadian Vs. United States         10           Difficulties in the Blue Asbestos Field         11           Production and Imports by Grades         11           The Oil Rectifier With the Asbestos Filter         12           Asbestos Waste As a Soil Corrector         14           Some Questions Answered         16           Market Conditions         20           Brake Lines         22           Production Statistics         24           Contractors and Distributors Page         27           Wage Notes         27           Building Statistics         28           Imports and Exports         30           Automobile Statistics         41           News of the Industry         42					er	-	-	8
Difficulties in the Blue Asbestos Field	Friction Material for Heavy	Mach	inery		-			- 8
Production and Imports by Grades	Canadian Vs. United States							10
The Oil Rectifier With the Asbestos Filter	Difficulties in the Blue Asbe	stos F	ield		-	-		- 11
Asbestos Waste As a Soil Corrector   14	Production and Imports by	Grades	-		-			11
Some Questions Answered   16	The Oil Rectifler With the	Asbes	tos Fil	ter		-		- 12
Market Conditions         20           Brake Lines         22           Production Statistics         24           Contractors and Distributors Page         27           Wage Notes         27           Building Statistics         28           Imports and Exports         30           Automobile Statistics         41           News of the Industry         42	Asbestos Waste As a Soil Co	rrector	-		-		-	14
Brake Lines         22           Production Statistics         24           Contractors and Distributors Page         27           Wage Notes         27           Building Statistics         28           Imports and Exports         36           Automobile Statistics         41           News of the Industry         42	Some Questions Answered				-	-		- 16
Production   Statistics   24	Market Conditions -				-			20
Contractors and Distributors Page   27	Brake Lines							- 22
Wage Notes         27           Building Statistics         28           Imports and Exports         38           Automobile Statistics         41           News of the Industry         42	Production Statistics -	40	-					24
Building Statistics   28   Imports and Exports   30   Automobile Statistics   41   News of the Industry   42	Contractors and Distributors	Page	,	100		-		- 27
Imports and Exports 30 Automobile Statistics 41 News of the Industry 42	Wage Notes							27
Imports and Exports 30   Automobile Statistics 41   News of the Industry 42	Building Statistics	-				-		- 28
News of the Industry 42		-	-					30
	Automobile Statistics							- 41
	News of the Industry -	-						42
	Patents				-	-		- 46

#### SUBSCRIPTION PRICE

U. S., CANADA AND MEXI	СО	-	\$2.00	PER	YEAR
FOREIGN COUNTRIES -			3.00	44	64
SINGLE COPIES -			.25	EAG	CH

Copyright 1927, Secretarial Service

February 1927

Page One

### The Distribution of Asbestos

Storage or Warehousing.—Raw Material

Asbestos uses storage facilities (warehousing in other words) to a very small extent.

In the United States asbestos is rarely stored in public warehouse, and only when some untoward circumstance, such as refusal of a shipment, makes storage

necessary.

Perhaps the most important reason for non-warehousing, is the fact that asbestos, the raw material, is purchased almost exclusively in carload lots. As a general rule, the haul to the United States from Canada being short, and most of the manufacturers having adequate storage space in their own plants to take care of sufficient material for their daily, or weekly, needs, it is not very profitable to have a carload of material shipped to some warehouse, stored there at a price, and then reshipped to your plant. Most mills use at least three tons a day, meaning a carload each ten days, and of course the larger mills use many times that amount.

For several reasons, manufacturers generally keep about four months supply of raw material in storage at ag their plant when the price is high; in a low market they stock up, taking advantage of the low price and may have

from nine to twelve months' supply on hand ..

This would seem to be rather heavy storage, partic sh ularly when we consider that asbestos fibres are rather is bulky and require a large amount of storage space, but, as be a matter of fact, shipments come thru slowly, particularly di in winter time, from Canada, and it is far better business th to have sufficient material ahead for manufacturing pur- th poses than to be forced to shut down for lack of raw material.

Once in a while, of course, someone runs short of a th particular grade of fibre, and when this occurs, often he pl can borrow it from some competitor, paying it back when m his order is filled by his own source of supply. This has U been done in a few instances but, naturally cannot be m said to be a regular practice. Sometimes also someone

wa ma tol

ial

to

im

to

be

sm

or

the

ha

ma

at

fo

of

sh

of

ge

re

m

ra

pi

pi

wants to experiment with a particular grade or type of material for some particular purpose and requires but a ton or two for the experiment. In such cases the material is sent down with some other carload shipment going to practically the same destination as that of the experimenter, and transferred by truck or perhaps reshipped to the buyer when the car is unloaded.

New users of asbestos, who are not familiar with asbestos methods and habits, often express surprise that a small quantity of a few tons or so, desired perhaps more or less for experimental purposes, cannot be obtained in the United States but must be shipped from Canada.

There have even been instances, when consumers have small storage space and are using large quantities of material, or perhaps have been able to buy the material at a good price, where the material is stored at the mine, for a price. This, of course, saves rehandling and the cost of it which would have to be incurred if the material were shipped to warehouse in the States, saves reshipping, and often the mine, being anxious to sell the material and get the money, will charge a price for storage much more reasonable than any public warehouse.

In the foreign market, particularly Europe, the storage situation is somewhat different. Practically all the mines, Canadian, African, make a practice of storing the raw material in the larger European cities, and reshipping from those warehouses to the customers. shipments, however, are invariably car lots so that there rather is little if any extra freight. This practice is followed but, as because of the length of time required to get a shipment cularly direct from the mines, and the miners warehouses see usiness that sufficient stocks are always kept on hand to serve g pur their customers promptly.

Curiously enough, however, African mines do not at present store material to any extent in the United States, rt of a this because their production is oversold and until a surten he plus is accumulated they cannot consider the storing of when material here. It must be remembered also that the his has United States is really a very small customer of African not be mines when compared with Europe.

Some customers of Canadian mines are on a contract

ry 1927 February 1927

Page Three

OS ıl n other

in pubeireumstorage

1-wareis purgeneral being lequate fficient ot very o some

ped to a day, se the keep age at

et they

y have partic-

f raw

meone

basis. They buy a quantity of material, say 500 tons, of a certain grade, for shipment at the rate of a certain num-This is then sold thru what we ber of tons a month. Americans would probably call "commission agents" or "purchasing agents." They deal in all sorts of materials on a commission basis, and when they have an order to place, shop around for the goods, handling it on the contract method above described. Storage in such cases, is considered unnecessary.

The conclusion is reached, therefore, that, physically, there is no objection to storing of asbestos; the material does not deteriorate, nor does it require any special storage facilities. It is a case of cost of warehousing and freight weighed against the necessity for quick shipment. Where the haul is comparatively short, public warehousing is not practiced to any extent; where the haul is long and subject to delays, storage is used by the mines in order to serve their customers more adequately.

### The Rubber Industry

A recent issue of the Rubber Age gives the seven important developments in the rubber industry during 1926. as listed by F. R. Henderson, President of the Rubber Exchange of New York. They are

The downward trend of crude rubber prices.

The increase in the world's visible rubber supply.

The increase in the use of reclaimed rubber. The establishment of the Rubber Exchange.

The new restriction legislation by the British Colonial Office.

The formation of a Forty Million Dollar buying pool by American interests.

The extension of British rubber planting interest to South America.

> KNOTLESS BRAKE LINING YARNS Ask for samples and prices. GEORGE MacLELLAN & CO., Ltd. Maryhill, Glasgow, Scotland,

## Carey

### ASBESTOS & ASPHALT PRODUCTS

85% MAGNESIA

Asbestos Fibre Eight standard gredes

Magnesia

Carbonate of Magnesia Powder Pure Carbonate of Magnesia Block Light Calcined Magnesia Heavy Calcined Magnesia In Technical and U. S. P. Grades

Asbestos and Magnesia
Pipe and Boiler Coverings
A correct heat insulation for each condition

Asbestos Roofings
"Identified" Asbestos Shingles
Asbestos Lumber

Asbestos Corrugated Roofing and Siding Asbestos Paper and Millboard Insulating and High Temperature Cements Boiler Setting Cement

Asbestos Rope and Wick Packing Asbestos Gaskets

Prepared Asphalt Roll Roofings Built-up Asphalt Roofings Slate Surface Shingles

Waterproofing
Asphalt and Tarred Felts
Waterproof Insulating Paper
Roof Paints
Asbestos Roof Cements
Asphalt Pitch

THE PHILIP CAREY COMPANY
Lockland, Cincinnati, Ohio

s, of numt we '' or erials er to

cones, is

cally.

terial

pecial

g and

ment.

hous-

long

es in

en im-

1926.

ubber

dy.

Colon-

g pool

rest to

ry 192

### FACT AND FANCY

#### Theatre Curtains.

Curiously enough, at about the same time this office was obtaining data on State requirements for theatre curtains, J. M. Weaver, General Sales Manager of the Keasbey & Mattison Company, was working along the same line.

Further, Mr. Weaver is conducting some experiments, and pursuing other activities with a view to bringing about more nearly uniform requirements for theatre curtains by various states and the larger cities.

Mr. Wasyer has yory kindly suggested the

Mr. Weaver has very kindly suggested that co-operation between himself and our Editor on this subject will prove helpful to both and to the Asbestos Industry and the general public as well.

We therefore expect to publish shortly some very interesting and pertinent data concerning asbestos theatre

curtains, their construction, limitations, etc.

### Census of Manufacturers.

Report on the Asbestos Industry by the "Census of Manufacturers" states that the figures include asbestos building materials, such as roofing, siding, etc., and other asbestos products such as table mats and pads, packing for refrigerators, anti-friction facings and linings, asbestos textiles and insulating material, but do not cover the production of asbestos paper nor that of asbestos steam packing or pipe and boiler covering.

We cannot help but wonder why three such important divisions of the Industry have been omitted, and are addressing inquiry to the Department of Commerce in an effort to get an explanation.

### House Insulation.

"Have the Insulation Manufacturers coverlooked a broad market by failing to manufacture an insulation for walls and the inside of roofs of buildings?" writes one of our readers.

His inquiry is prompted by the recent comment of

Page Six

February 1927

# Johns~ Manville

CORPORATION

ked a on for one of

office cur-Keassame ents, nging cur-

opert will

very

us of bestos other eking asbescover bestos

port d are in an

nt of y 1927

February 1927

Page Seven

Roger W. Babson, the noted economist and statistician, on the ever increasing tendency to insulate houses against cold.

"Surely," our correspondent goes on to say, "Asbestos, either in combination with other materials or by processing, would produce a more fire resisting, verminproof and better wall insulation than cork, hair or the various wood and sugar pulp mixtures now so generally used. Some day, perhaps soon, the Industry will have to find new uses to take care of excess production. Now is the time."

Truly it pays every man in business to take advantage of every opportunity offered by the trend of the times. What is the Asbestos Industry doing to cash in on this movement to insulate not only pipes and boilers but walls and roofs?

### A Blue Crude Controversy.

Our well known friend, E. Schaaf-Regelman of Arizona fame, who, we believe has been in the asbestos business since 1903, recently received a shock and a disappointment. One of his statements has been challenged and he does not seem to be accustomed to the experience.

In his correspondence with a foreign connection, Mr. Regelman made the causal remark that he believed he was the first to import blue crude asbestos in large lots into this country, and as he stated that his first importation was made in February 1906, doubt has arisen in some quarters as to whether American Textile Plants have not used considerable quantities of African blue asbestos before that date.

Having been selected as a medium of arbitration, we aspire, of course, to settle the controversy to the satisfaction of everybody concerned and shall be pleased to receive communications from anyone, who has either exported to, or imported into, the United States, any appreciable quantities of blue asbestos prior to the beginning of the year 1906.

### Friction Material for Heavy Machinery.

What experience have you had in manufacturing or selling asbestos friction material for use outside the auto-

Page Eight

February 1927

## "DIA-SIL"

TRADE MARK

(Diatomaceous Earth)

The ideal base for Asbestos Cement.

Highly efficient and inexpensive.

We are now operating our quarries at Lompoc, Calif., and can make prompt shipments in either powdered or lump form.

### NATIONAL MAGNESIA MFG. CO.

544 Market St.



San Francisco, Cal.

CABLE ADDRESS-MAGNESIA

besproroof ious sed. find the

ian,

the n on but

of estos isapisapiged ence. Mr. was into

ntion some not s be-

ex-

g or automotive field, in such industries as excavating machinery, elevating machinery, road making machinery, etc.?

This inquiry is prompted by a similar one received from one of our readers a few days ago, which caused us to make some search for data of this kind, particularly as to the various sizes used, construction of the brake or clutch facings used, and annual consumption. So far, however we have not made much progress. Even the advertising literature of various brake lining and clutch facing manufacturing firms give but little space to this division of the industry indicating that the field is not large. This may possibly be due to the fact that brake blocks are used rather than linings in the majority of cases.

However that may be, if you have had any experience in manufacturing or selling clutch facings in this field, write us your general observations. Or if you know anything about the use of brake blocks by the machinery industries, let us have data on that product, being sure to state whether or not asbestos is used in the construction of the perticular block with which you are familiar.

Discussion of problems like these will be helpful to all.

### Canadian vs. United States.

While the suit entered by the Asbestos Corporation, Limited against Keasbey & Mattison Company for alleged breach of contract, is being discussed with vigor in various sections of the trade, there is no cause for alarm at present.

The real cause of the suit is not attributable to either concern, but rather to the difficulty in finding a plan of operation which is feasible for United States firms as well as Canadian.

Canadian and United States laws are so at variance in the governing of business that it may be some time before a really workable basis is found. We have no doubt it will be found, but it may be necessary to consider and reject several propositions before a really satisfactory one is reached.

Such being the case perhaps the suit will serve to

el

a

D

b

n

u

0

setl

n

te

na

J

a

il

S

ti

11

te

clear away some of the smoke and so hasten the final adoption of a workable plan.

### Difficulties in the Blue Asbestos Field.

"Local color" pertaining to the various fields of asbestos mining activity is often difficult to obtain, and yet necessary in order to rightly understand the conditions under which our neighbors operate, and even the moves they make.

In the Blue Asbestos field, for instance, the mine owners are so scattered that they can seldom meet personally, and probably never have a chance to talk over their various problems collectively. As an example, Kuruman, one of the mining centers, is from 150 to 200 miles from Prieska, the location of other mines, and other centers are equally distant.

It is even difficult for the mine owners to know whether their selling prices are in line with those of other mines, and in some cases operators are obtaining prices actually much higher than those quoted by London or Johannesburg.

Neither can any very accurate idea be gained of the actual demand for blue, as very often the same inquiries are repeated thru various brokers and dealers, giving an impression of greater demand than really exists.

All in all the vast extent of the blue asbestos field serves to work hardships not only on the producers themselves but the consumers as well.

### Production and Imports by Grades.

While the Canadian Government keeps and publishes statistics of her asbestos production by grades, the Rhodesia Chamber of Mines and the Dept. of Mines & Industries of the Union of South Africa, lump their production without regard to grading.

It would be interesting to know each year the production of Crude as differentiated from that of Mill Fibres in the African field, and still more interesting to compare the figures from year to year. The Cape Asbestos Company, Limited, the largest producer of Blue Crude, gives the following approximate division of the

February 1927

Page Eleven

ged varat

ery,

ved

sed

rly

or

far.

ad-

teh

this

not

ake

of

er-

this

low

ery

ure

ue-

iar.

to

her of well nce be-

beubt and ory

to 1927

1926 production of Blue:

"B" (3/4 in. and over) 10 to 15%
"A" (1/2 in. to 3/4 in.) 25 to 30%
"S" and under (up to 1/2 in.) 60%

During the past several months the Department of Mines & Industries of the Union of South Africa has been reporting the production divided as to variety, that is chrysotile, amosite and crocidolite. This division is very

helpful.

The U. S. Customs in reporting imports of Asbestos insist on a division into crude, mill fibre, lower grades and stucco, and import figures for the years 1925 and 1926, divided as to these grades as well as to countries, are given on page 38.

We do not know just how much time our readers devote to a study of the import, export and production statistics, but a study of the summaries given in this issue should be helpful to practically everyone in the Industry.

#### The Oil Rectifier with the Asbestos Filter.

Some mention was made in a previous issue of an oil rectifier which utilized an asbestos filter sack..

Further information has since been obtained and a circular illustrating this mechanism will be supplied on

request.

The asbestos sack is made of a good grade of Asbestos Cloth, and is approximately 12 in. long by 5 in. in diameter. The rectifier is claimed to strain the dirt, keeping the oil like new, and keep up the viscosity of the oil, two operations which prevent rapid wear of moving parts and very materially increases the oil mileage.

### Real Money For Asbestos Waste, Etc.

Asbestos Waste of all kinds, seconds, defective goods, odds and ends, obsolete machinery.

Don't throw anything away before getting a price on it from

### E. GROSS & CO.

Hartford, Conn. (Main Office) 200 Fifth Avenue, New York City ARIZONA

of een is ery tos des

ind ies,

deta-

ry.

oil

on

eslia-

wo nd

927



AFRICA

### E. SCHAAF-REGELMAN

220 Broadway

New York, N. Y.

Crude -:- Spinning Fibre Shingle Stock

Owning and Operating

REGAL ASBESTOS MINES, Inc.

Producers of

Arizona Asbestos

MPORT

European Head Office Merckhof HAMBURG Germany

EXPORT

### Asbestos Waste as a Soil Corrector

If the investigations being carried on by various Canadian agencies successfully demonstrate that the waste from the Asbestos Mines can be used to advantage in agriculture for correction of soils, the credit will be due to P. C. Armstrong, Consulting Engineer to the Development Branch of the Canadian Pacific Railway.

It happens that Mr. Armstrong is interested to some extent in agriculture, in fact has had some little experience in farming, and it was therefore probably natural that he should observe that the lawns and golf courses in the town of Thetford Mines, upon which the dust from the mills is constantly falling, contained a considerable

proportion of clovers.

Unlike others who may have noticed the clovers but attached no significance to them, Mr. Armstrong decided to investigate a little and induced one of the larger mine operators to dump some soil on an embankment of asbestos waste and then seed it with innoculated alfalfa seed. All this happened three years ago and alfalfa has grown on the embankment ever since.

This fact is significant because alfalfa does not grow well on acid soils and it seemed possible that the beneficial effect of the asbestos waste might be ascribed to its magnesia neutralizing soil acidity. The waste is of practically the same composition as the asbestos itself, that is, 13% water, 40% magnesia, 40% silica, and the remainder mainly lime, alumina, and iron oxides. Some experiments made in the MacDonald College Laboratory and elsewhere indicate that the application of this material to acid soil does decrease the acidity, and experiments are being undertaken to compare the growth of leguminous plants in acid soils with and without application of asbestos waste.

In addition to correcting soil acidity, it is possible that the asbestos waste may have some other beneficial effect upon plant growth. There is considerable evidence in the literature of agricultural chemistry that silicates of calcium and magnesium may give more favorable results than carbonates, such results being explainable on the theory that silica when brought into solution may serve Page Fourteen

February 1927

### Asbestos Corporation Limited

### The Largest Producers of Raw Asbestos in the World

CRUDES SPINNING FIBRES SHINGLE STOCKS

PAPER STOCKS

ctor

the

ill be e Desome xper-

tural

urses from

rable

s but

eided

mine sbes-

seed.

grow

efie-

o its

prac-

at is,

nder

ents

else-

al to

nous

f as-

sible

icial

ence es of

sults

the erve 1927 MILL BOARD STOCKS CEMENT STOCKS SHORTS FLOATS

Owning and Operating

— Mines —

Kings Mines Beaver Mines B. C. Mines Thetford-Vimy Mines Consolidated Mines Federal Mines

Fraser Mines Maple Leaf Mines
Asbestos Mines, East Broughton
Asbestos Fibre Mines, Black Lake
Black Lake Asbestos & Chrome Mines

HEAD OFFICE

Canada Cement Building
Phillips Square - Montreal

Address all Correspondence to

GENERAL OFFICES

THETFORD MINES

Quebec, Canada

as a plant nutrient.

MacDonald College, the Dominion Experimental Farms System, the Quebec Department of Agriculture, the Development Branch of the Canadian Pacific Railway and the Asbestos Corporation Limited are co-operating in

investigating this problem.

When we consider the millions of tons of this asbestos waste which have accumulated in the Thetford Mining District, it would seem that any experiments leading to the finding of a practical use for the material would be well worth while, and we hope to be able to report favorably on these experiments from time to time.

### Some Questions Answered

Our readers will probably recall the several questions asked by a subscriber concerning asbestos lumber, roofing materials, etc., which were published on page 14 of our December number.

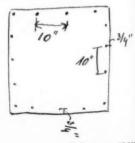
One of our Czecho-Slovakian friends takes the time and trouble to give his opinions on these various points, and we quote both questions and answers for the benefit

of our readers:

1. How do you estimate drilling the various size holes in Asbestos Lumber? What fibre stress should be used when figuring the strength of asbestos lumber? What factor of safety?

Ans. Holes in Asbestos Lumber are drilled by a spiral-bore. The drilling of a hole of 1/2 in. diameter into a lumber of 1/2 in. thickness takes not more than one to

two minutes, using electrical power. Greater holes and thicker lumbers take three to four minutes. From these estimate the costs. But if you refer to the size of holes and screws for strengthening lumbers to the construction material a 3/8 in. screw is satisfying for a lumber of 1/2 The screws in. thickness. should be placed each 10 in. Page Sixteen



February 1927

We prepare **ASBESTOS** 

> Canadian Crude Russian White Rhodesian Yellow or Blue South African

For Your Particular Requirements

ASBESTOS LIMITED

8 West 40th Street

New York City

Works: MILLINGTON, N. J.

February 1927

Page Seventeen

3/4"

nental

alture. ailway ing in

asbes-Mineading would report

ques-

mber. ge 14

time points.

enefit

s size ild be mber?

by a r into one to

1 1927

on the border of the lumber, from 3/4 in. to 1 in. from the edge. For thinner lumbers 1/4 in. screws are satisfactory. The factor of safety must be 4.

2. What effect does acid have on the various roofing materials such as copper, zinc, and tin? What is the approximate life of each of these materials?

Ans. Of all roofing materials, copper is the best. Copper roofs have been known to last 100 to 150 years without repair. The color of these roofs is very agreeable. The acid gas of the air does not affect it at all. The price of copper roofs is four to five that of asbestos cement shingles.

Zine becomes white from the air—zine oxide and carbonate. Zine is very brittle and therefore it breaks in winter and cannot be folded. The price is two to three times that of asbestos shingles. Acids have no effect on zine once covered with the white zine oxide. Zine roofs have a life of 50 or more years.

Tin in the form of tinned iron plate has only a life of 30 to 40 years and it will be reasonable to cover it with minium. When tinning is bruised the iron at this place will rust rapidly. In paper and pulp-factories where there are concentrated gas acids in the air, no metal roof will have long life, but asbestos shingles will resist these acids for only five to eight years.

3. What is the result of placing two materials together, such as tin and copper?

Ans. Copper and zine may not be used together in consequence of their electrical tension.

A wise heating contractor said "I'm glad that I'm known all over the city as a high price man for when I take work at a good price, I know that I can afford to do a good job."

Every man owes some of his time to the upbuilding of the profession to which he belongs. — Theodore Roosevelt.

Diamond 🐼 2-Point



Insulation Highest Efficiency Greatest Durability

-- Manufactured by--

Norristown Magnesia & Asbestos Company

Norristown, Penna.

February 1927

Page Nineteen

oofthe est.

rom atis-

ears ree-The stos

earin ree on oofs

life vith lace iere coof iese

torin

I'm n I do

ing ore

1927

### MARKET CONDITIONS

General Business.

The year has not advanced sufficiently far to tell just what the trend will be. January business in general showed decrease, but this has no special significance coming so shortly after the first of the year. Basic facts are good, and there is no reason to doubt the current opinion prevailing at the first of the year that 1927 will prove to be one of large volume business.

A comment on the metal market which has reached our desk direct from one of the large manufacturers of metal goods, may prove of interest to our readers. According to our informant, both copper and zinc have slumped in price, and are likely to go lower, and, in our correspondent's opinion, "it seems likely that producers of both these metals will curtail production with a view to stabilizing the market and improving prices."

To quote Forbes "Prudence suggests that for the present, courage be tempered with caution—fortified by the most vigorous selling activities."

#### Raw Material.

Production of Asbestos during 1926 exceeded former years, and prices were fairly satisfactory. There is no reason to believe that 1927 will not make the same or a better showing.

E. J. Wilson, of New York, in commenting on the

market situation in raw material, says:

"A good demand for spinning material has made a lively market. Nearly all the mines are well sold out for this year on such material. Three years ago, nearly all of the mines producing crude and spinning fibres had large stocks on hand but now, these stocks have practically gone with the exception of some No. 1 crude. During these years the world production of spinning material has not increased and I can see no hope of any change this year or next year either. Prices have long since been marked up and will go higher. The market for medium and short fibres is quiet."

### - ASBESTOS

The Blue Asbestos Market.

The tendency to reduce prices for blue asbestos has not materialized to any extent. Prices still remain fairly firm and for the best qualities of blue asbestos as produced by the Cape Asbestos Company there is a strong and insistent demand in all grades.

#### Manufactured Products.

just

ieral

com-

are

re to

our

ietal

g to

rice.

nt's

hese

zing

res-

the

mer

rea-

the

le a

for l of

irge

one

ears

in-

or

up

nort

1937

So little change is noted from month to month, except for seasonal ups and downs that it is difficult to make any interesting comments.

All lines appear to be fairly busy; the outlook for spring business is good. Briefly:

Paper-demand good; prices fair.

Insulation—demand very good, considering usual seasonal slackening; prices somewhat improved over last year.

Textiles—demand fair; prices nothing to boast about.

Shingles—getting ready for a big spring season.

Brake Lining: (Comment by the Asbestos Brake Lining Association). Business has been and is good. The wheels are turning regularly. The increase in motor driven machinery in all agriculture and industries has had its effect on the volume of both brake lining and clutch facing, particularly the latter. However, improvement is only gradual and a little more than offsets other changes not so favorable. On the whole business is good and prospects also good.

He who has misgivings as to the finish will never start anything.

### Steady Market For Asbestos Waste

Always in the market for all kinds of

ASBESTOS WASTE — car lots or less

Send samples stating quantity.

If you are in need of waste will mail sample of what we have to offer.

LOUIS LEONARDIS NEW YORK CITY

Warehouse: Newark, N. J.

### ASBESTOS .



This page devoted each month to the discussion of brake lining activities by O. B. Towne, Commissioner of the Asbestos Brake Lining Association

The Data Book tabular matter has been completed for the 1927 book and the copy is in the hands of the printer.

The Data Book for this year is to be published by the Lancaster Press, Lancaster, Pa., the contract calling for completion of the work by the early part of April. This means at least a whole month earlier.

The Data Book is much reduced in size because of the new style of tabulating the Brake Lining and Clutch Facing. Formerly there were two sections of the book, one for brake lining and the other for clutch facing. This year all figures for each car are grouped by themselves in one place. It improves the book by making the complete data easier to find. Also the 1927 figures come first for each car and the 1920 last, which is also an improvement.

A number of the Association members attended the meeting at Detroit on the 2nd and 3rd of this month, called by the S. A. E. and the Bureau of Simplified Practice, for the purpose of eliminating unnecessary sizes and types of automobile parts. The idea is to standardize certain types which have proved engineeringly correct and most satisfactory from every angle.

Among the items discussed were brakes and braking equipment. While reports from the meeting are not in at time of going to press, it is anticipated that much progress in the elimination of unnecessary and costly types, sizes, grades, etc., will result from this meeting.

The motoring season is on in the south and brake testing campaigns will be the order of the day from this month ou.

New York State is adding an eyesight test to the requirements for a driver's license. How about good brakes being necessary to keep a driver's license after it has been granted?

"Brake Inspection your Protection" is the best kind of a motto for every motorist to have posted up in his car.

Page Twenty-two

February 1927



# AMERICAN ASBESTOS COMPANY

44

Manufacturers of
Asbestos Textiles
NORRISTOWN, PA., U. S. A.

Headquarters for Yarns, Cloth, Tapes, Fibres, Brake Linings and Textiles Generally

WRITE FOR PRESENT PRICES

the the com-

new mer-

and car k by ures im-

ting . A. of

oved e.

uipe of limwill

ting

ire-

f a

927

19



#### Rhodesia (Rhodesia Chamber of Mines)

	October Tons (2000 lbs.)	1926 Value
Bulawayo District.		
Nil Desperandum and Sphinx (Afr. Asb.		
Min. Co., Ltd.)	455	£ 7,617
Pangani (J. S. Hancock)	32	431
Shabanie (Rho. & Gen. Asb. Corp., Ltd.)	718	13,293
Victoria District.		
Gath's (R. & Gen. Asb. Corp., Ltd.)	595	11,915
King (R. & Gen. Asb. Corp., Ltd.)	391	7,676
	2,191	£40,932
October 1925	3,802	£84,688
Union of South Africa (Dept. Mines & Indu	stries)	
	October Tons 2000 lbs.)	1926 Value
Transvaal (Amosite)	236	£ 2,338
Transvaal (Chrysotile)	697	9,649
Cape (Blue)	361	7.874
Cape (Bide)	301	1,012
	1,294	£19,861
October 1925	910	£13,574
Italy (U. S. Dept. of Commerce).		
1925	. 2105 met	ric tons

#### POSITION WANTED

1926 (Estimated) ...... 2900 metric tons

Man, thore knowledge of preparation of all crudes and fibres, maintenance and management of factory, capable of doing all engineering work, wishes connection of responsibility. Address 2B-B "ASBESTOS".

Metric ton-2204.62 lbs.

PAPER - PIPE COVERINGS MILLBOARD - CEMENTS



Send us representations

Manufacturers

SALL MOUNTAIN COMPANY

MARQUETTE BLDG.

CHICAGO MANAGARAM MANAGARAM

BOSTON

alue

7.617 3.293 1,915 7,676 0,932 4.688

26

alue 2,338 ,649 .874 .861 .574

tons

tons

927

2 3	
Weekly Time Summary	
=	
ดั	
E	6
=	0
-	
4	
9	
2 .	
Week Ending	
,S	
#	
*	

		11	00	- 10 M M V P M M M
		Fluished	Disposed in the contract of th	REM
EXPENSE SHEET	2000		BEGGGG	
ALEIN		Starfel		
41			0.00	KARY
Name	Work at	Africal		SUMMARY R. R. Fare Berth Board and Room



The reproduction of various forms used by contractors and distributors of asbestos products, has been so enthusiastically received by our contractor readers, that we plan to carry on this service thruout the year.

One of our subscribers writes that the estimate form used by Chas. S. Wood & Company of Newark, N. J., which was reproduced in January "ASBESTOS" "is about as complete as we have ever seen."

This month we are reproducing the expense sheet and weekly time summary used by Fred Sprinkmann & Sons of Milwaukee, Wis.

The Sprinkmann Company in commenting on its expense

sheet says:

"We had considerable trouble when men came back from out of town jobs in having our records and theirs correspond. Therefore we worked out this sheet which is quite in detail. man gets one of these sheets when he goes on a job and a duplicate of it is kept at the office. Upon the workman's return it is a very easy matter to check the two forms over and find discrepancies should there be any."

Will other readers send in specimens (in duplicate) of their Time Sheets, Estimate Forms, Expense Sheets, etc. Comparison with those already published will undoubtedly be helpful to

everyone.

#### WAGE NOTES

Minneapolis & St. Paul. Agreement in these two cities expired December 31st, 1926, and at the present time there is no agreement, the unions and employers working under the old rates, viz: 1st year men 50c an hour: 2nd year men, 65c; 3rd year men, 75c; 4th year men, 75c; mechanics, \$1.00 per hour.

Chicago, III. New agreement recently entered into expires May 31st, 1929 and gives the following rates: To mechanics \$1.50 up to June 1, 1927, \$1.561/4 to June 1st, 1928; \$1.621/2 to June 1, 1929. First year helpers to receive 40% of mechanics' scale; second year 52%; third year 64%; fourth year 72%.

San Francisco, Calif. Wage Scale for Asbestos Workers (Mechanics) effective for the year 1927 is \$7.50 per day (.93%

per hour).

Baltimore, Md. Strike has been settled, the employers yielding to the demands of the Union, and signing agreement which runs until December 31st, 1928, the rates being \$1.25 for mechanics, 85c for improvers, and 50c for helpers.

Note chart showing trend of material costs vs. construction labor wages which appears on the next page.

February 1927

1927

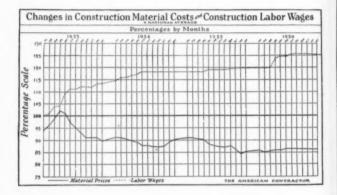
Page Twenty-seven

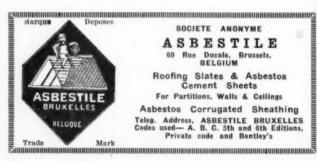
#### BUILDING STATISTICS

During December 1926, contracts were awarded in the 37 Eastern States, covering 10,639 projects, with floor space of 64,108,500 square feet, valued at \$537,395,800. This represented decreases from the November figures in number of projects and floor space but quite a substantial increase in value.

The total of contracts awarded during the year was \$6,349,915,000; that for 1925 was \$6,006,426,000.

The Architectural Forum, in its annual forecast, predicts another big year of building history, but believes that the total investment in new building construction during 1927 will be approximately 12% less than in 1926.





# Allbestos Corporation

Quality Brake Lining Textile Specialties

Asbestos Yarns, Roving Cord and Cloth

Manufactured from the raw materials by

Allbestos Corporation

e 37

ented

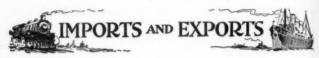
dicts

total

es

nonua5

1927



#### Imports into U. S. A.

Unmanufactured Asbestos.

manajacearea 2130c3eos.	1	Novembe Tons	r 1925	November	r 1926
	0	2240 lbs.)	Value	(2240 lbs.)	Value
Canada		18,833	\$533,769	20,341	\$676,829
Br. S. Africa		38	4,039	191	27,768
Port, E. Africa		180	35,083	134	30,065
Other Port. Africa		58	11,705		
Germany			483	27	6,116
United Kingdom		47	5,287		***
Japan			3	***	***

19,161 \$590,369 20,693 \$740,778

The material imported from Canada during November 1926 consisted of 562 tons of Crude valued at \$117,256; 6,215 tons of Mill Fibre valued at \$330,920; 13,564 tons of lower grades valued at \$228,653. All material from the other countries, viz. the Africas and Garmany was Crude

Airicus and Germany v	vas	Decembe	r 1925	Decembe	r 1926
		Tons	. 1040	Tons	1 1020
		(2240 lbs.)	Value	(2240 lbs.)	Value
Canada		. 17,080	\$543,840	19,405	\$629,716
Br. S. Africa		. 43	4,694	107	15,114
Port. E. Africa		. 328	68,628	180	41,416
Germany		. 49	10,992	157	38,092
United Kingdom		. 64	8,966	13	1,591

17,564 \$637,120 19,862 \$725,929

The material imported from Canada during December 1926 consisted of 734 tons of Crude valued at \$165,660; 6,433 tons of Mill Fibre valued at \$280,864; 12,238 tons of lower grades, valued at \$183,192. All material from the Africas, Germany and the United Kingdom was Crude.

manujacturea Asoestos.				
	November	1925	November	1926
Yarn-	Pounds	Value	Pounds	Value
Germany			190	\$ 233
United Kingdom	17,618	\$3,998	26,605	7.879
Netherlands	545	548		
Fabrics, Woven-				
Belgium			8,750	3.015
United Kingdom	10,220	4,233	15,547	6,437
Packing, Fabric-				
Denmark			309	161
United Kingdom	6,864	2,586	4,207	1,702

Page Thirty

February 1927

### AMOSITE ASBESTOS

the new long-fibred material mined in the Transvaal, South Africa

### THE CHEAPEST TEXTILE ASBESTOS IN THE WORLD

#### SPECIAL PROPERTIES

(1) Length of fibre

19**26** alue 6.829

7,768

0,065 6,116

...

0.778

1926 ns of

alued

the

1926

alue 19,716

5,114

8,092

1.591

5,929 1926

ns of

alued I the

1926 alue 233 7,879

3.015

6,437

161 1,702 1927

- (2) Tensile strength
- (3) High insulating properties
- (4) Lightness of weight

This Asbestos, in its various grades, has been proved eminently suitable for—

- (a) TEXTILES (Yarn and Cloth)
- (b) ASBESTOS-CEMENT SLATES, and corrugated roofing
- (c) BLOCKS for Boiler Insulation
- (d) SECTIONAL COVERING
- (e) ELECTRIC STORAGE BATTERY BOXES



Telegrams: Incorrupt

Tel: City 6937 (3 Lines)

### ASBESTOS -

	Novembe	r 1925	Novembe	er 1926
	Pounds	Value	Pounds	Value
Packing, Not Fabric-				
Austria	11,983	2,439		
Paper and Millboard-1	None.			
Shingles, Slate, Wood of	and Lumber			
Belgium	1,747,234	\$27,042	3.581.115	\$50,081
Canada	78,570	2,420	54,135	2,228
France			786,154	7,318
Netherlands	1,506,524	25,195	239,383	4,374
,	3,332,328	\$54,657	4,660,787	\$64,001
Asbestos Cement-				
Canada	* * *		1,120	114
France			30,000	867
Italy	61,076	1,022		
United Kingdom	29,656	824	* * *	***
Other Manufactures-				
Austria	3	8		
Canada	6,000	303	305	235
France	184	67	5,752	1,470
Germany	1	3	124,129	2,858
Netherlands	5,358	1 094	10,830	832
United Kingdom	9,398	1,934	13,430	12,246
	11,546	\$ 2,315	154,446	\$ 17.641
Grand Total	3,481,836	\$72,622	4,901,961	\$102,050
	Decembe		Decembe	
37	Pounds	Value	Pounds	Value
Yarn—				
Canada		00 405	5	4
United Kingdom	10,514	\$3,485	20,444	\$7,098
Fabrics, Woven-				
Canada			1,300	106
Italy	0.404	4.000	40	147
United Kingdom	8,484	4,697	6,652	5,068
Packing, Fabric-				
Canada	* * *		100	42
United Kingdom	100	114	7,376	2,667
Packing, Not Fabric-				
Austria	1,498	2,570	16,699	4,752
Canada	88	44	182	147
United Kingdom	607	775	1,685	1,565
	2,193	\$3,389	18,566	\$6,464
Paper and Millboard—	325	16	518	83
Canada	343	10	918	83
Page Thirty-two			Febru	uary 1927

### ASBESTOS -

	December Pounds	Value	December Pounds	1926 Value
Shingles, Slate, Wood of	ind Lumber-			
Belgium	3,584,881	\$56,443	2,123,253	\$30,184
Canada	54,360	1,182		
France	44,275	779	179,172	2,346
Germany	124,495	2,332	74,487	1,468
Italy			55,300	1,195
Netherlands	1,620,589	26,906	582,401	10,225
	5,428,600	\$87,642	3,014,613	\$45,418
Asbestos Cement-				
Canada	80	6		* * *
Other Manufactures-				
Belgium	8,143	245	1,034	126
Canada	640	47	3,425	250
Germany	92,733	1,936	80	38
Japan	1,200	67		
Netherlands	38,400	560		
United Kingdom	9,858	2,189	3,230	4,020
	150,974	5,044	7,769	\$ 4,434
Grand Total	5,601,270	3104,393	3,077,383	871.531

#### Exports from U. S. A.

1926 alue

0,081 2,228 7,318 4,374 4,001

235 1,470 2,858 832 2,246

7.641

2,050

926 Value

7,098 106 147 5,068

2,667 4,752 147 1,565 6,464 83 Exports of Unmanufactured Asbestos for the month of November 1926 amounted to 95 tons, valued at \$12,142, as compared with November 1925, 253 tons, valued at \$13,622.

Exports of Manufactured Asbestos goods:

	Novembe	er 1925	Novembe	er 1926
	Pounds	Value	Pounds	Value
Paper, Mlbd. & Rlbd	703,003	\$25,468	244,206	\$12,663
Pipe Covg. & Cement.	457,650	28,913	573,550	36,361
Textiles, Yarn & Pkg.	117,003	66,795	107,751	62,530
Brake & Clutch Lin'g.	88,757	63,633	112,810	73,755
Magnesia & Mfrs. of .	476,667	22,882	546,068	25,877
Asbestos Roofing	7,085 sq	s. 38,805	11,537 sq	8. 79.174
Other Manufactures	414,032	34,379	242,561	30,735

#### Imports and Exports by England.

Imports	of Raw Material	lovembe	er 1925	Novemb	er 1926
		Tons	Value	Tons	Value
	(2	240 lbs.	)	(2240 lbs.	)
From	Rhodesia	1,469	£44,738	1,560	£44,299
From	Canada	139	3,862	1,107	19,146
From	Other Countries	376	10,419	487	9,696
T	otal	1,984	£59,019	3,154	£73,141
Re-Sh	ipments	175	5,768	103	3,840

February 1927

Page Thirty-three

### - ASBESTOS-

ASB	E	) I	0 3		
	D	eceml	ber 1925	Decemb	per 1926
	Tons Value			Tons	Value
	(224	0 lbs.	)	(2240 lbs.	)
From Rhodesia	1	1,305	£40,341	671	£20,439
From Canada	1	1.283	20,060	645	10,475
From Other Countries		564	12,634	801	16,616
Total		3,152	£73,038		£47,530
Re-Shipments		680	20,238	496	14,035
Exports of Manufactured As	sbestos	Goo	ds:		
	No	vemb	per 1925	Noveml	per 1926
		Tons	Value	Tons	Value
	(224	10 lbs.	.)	(2240 lbs.	)
To Netherlands		43	£ 4,783	125	£ 5,934
To France		30	9,824	31	5,202
To. U. S. A		17	3,219	27	5,597
To British India		613	14,28		11,650
To Australia		37	6,913		7,599
To Other Countries		1,222	62,059	9 1,409	56,738
Total		1,962	£101,08	5 2,070	£92,720
	D	ecem	ber 1928	Decem	ber 1926
		Tons	Value	Tons	Value
	(224	10 lbs		(2240 lbs.	)
To Netherlands		30	€ 3,97	4 58	£ 536
To France		55	9,35	6 28	466
To U. S. A		4	93	5 21	294
To British India		351	9,84	8 415	7,246
To Australia		1.032	60,060	0) 31	512
To Other Countries	(			.) 1,091	15,835
Total		1.472	£84,17	3 1,644	£24,889
Exports of Raw Asbestos fr					
	Octo	ber 1	925	October	1926
	Tons	V	alue	Tons	Value
(2	000 lbs	3.)		(2000 lbs.)	
United Kingdom	500	\$ 5	2,050	1,220	\$ 81,998
United States	9,623	51	1,702	7,560	442,787
Australia	170	1	0,983	85	6,450
Belgium	493	3	5,630	250	19,800
France	470	3	8,950	980	61,450
Germany	553	5	9,725	1,003	70,350
Italy	120	1	0,600	388	21,038
Japan	135		5,874	503	23,750
Mexico	25		1,500		
Netherlands	134		9,230	341	26,505
Total	12,223	\$73	6,244	12,330	\$754,128
Asbestos Sand and Waste-					
United Kingdom	82		1,504	60	1,110
Page Thirty-four		February 1927			

# ASBESTOS YARN MACHINERY



### PROCTOR & SCHWARTZ, INC.

Formerly Smith & Furbush Machine Co.

Seventh St. & Tabor Rd., Philadelphia, Pa.

# Nederlandsche Asbest My.

Importers of Asbestos Crudes and Fibres

ROTTERDAM - HOLLAND

Tel. Address: Nedam Rotterdam

P. O. BOX 803

Codes
A. B. C. 5th Edition
Western Union
Lieber's Code

February 1927

Page Thirty-five

4,889

1926

alue

1926 alue

0.439

0,475

6,616

7,530

4,035 1926

5,934 5,202 5,597 1,650 7,599 6,738

1,998 2,787 6,450 9,800

1,450 0,350 1,038 3,750

4,128

1,110 *1*927

	October 1925 Tons Value		October 1926 Tons Value		
(2	2000 lbs.	)	(2000 lb	(2000 lbs.)	
United States	11.125	142,224	12,906	196,575	
France	60	720		,	
Germany	173	2.845	240	4.200	
Italy			33	825	
Netherlands	75	1,500	118	2.950	
Other Countries	35	670			
Total	11.550	\$149,463	13,357	\$205,660	
Grand Total	23,773	\$885,707	25,687	\$959,788	
	November 1925		November 1926		
	Tons	Value	Tons V		
(2	2000 lbs.)		(2000 lbs.)		
United Kingdom	1,082	\$ 74,210	817	\$ 62,075	
United States	8,013	424,319	8,409	492,948	
Australia	180	11,840	200	14,500	
Belgium	990	54,050	1,351	82,751	
France			380	24,450	
Germany	1,442	108,180	2.233	171,000	
Italy	300	23,600	185	26,050	
Japan	1.125	55,913	250	14,000	
Netherlands	242	19,265	200	23,575	
Total		\$762,377	14,025	\$911,349	
Asbestos Sand and Waste-	-				
United Kingdom	160	2,930	440	9,598	
United States	13,077	153,221	13,595	205,108	
Belgium			180	3,000	
Germany	403	6,545	558	12,800	
Netherlands	83	1,660	320	6,800	
Other Countries	3	50			
Total	13,726	164,406	15,093	237,306	
Grand Total	27,100	\$926,783	29.118	\$1,148,655	

#### SUMMARIES

#### Imports into U. S. A.

Unmanufactured Asbestos (by Countries).

Chimanajaciai ca Asoci	2102 109	countries).		
	Year	1925	Year	1926
	Tons	Value	Tons	Value
	(2240 lbs.	)	(2240 lbs.	)
Africa (Br. S.)	. 541	\$ 50,350	2,323	\$ 358,894
Africa (Port. E.)	. 2,835	586,153	1,390	287,589
Canada		6,355,339	225,055	7,310,523
United Kingdom	. 541	111,880	871	111,357
Other Countries	. 171	30,580	340	71,377
	205,818	\$7,134,302	229,979	\$8,139,731

Page Thirty-six

February 1927

# Asbestos Fibre

for the manufacture

of

Roofing Cements · Fibrous Paints
Filtration Packings
Asbestos Shingles and Lumber
Insulating Cements
Asbestos Paper · Pipe Coverings
Asbestos Millboard
High Temperature Cements

THE QUEBEC ASBESTOS CORPORATION



Office and Mines

EAST BROUGHTON, PROVINCE of QUEBEC CANADA

8,894 7,580 0,523 1,357 1,377

lue

1926 Value 96,575 4,200

> 825 2.950

05,660

59,788 1926 Value

62,075 92,948 14,500 82,751 24,450 71,000 26,050

14,000 23,575

11,349

9,598 95,108

3,000

6,800

37,306

8.655

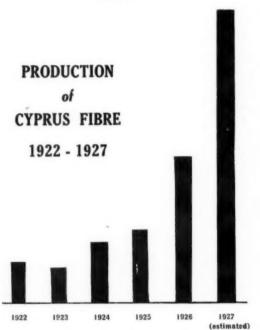
9,731

1927

Africa Crude Mill Fibre Lower Grades Crude Mill Fibre Lower Grades United Kingdom Crude Mill Fibre Lower Grades Lower Grades	135  16,071 82,487	\$ 607,401 29,102  1,726,282 3,234,817	Tons (2240 lbs.) 3,532 180	\$ 634,074 12,390
Crude Mill Fibre Lower Grades Canada Crude Mill Fibre Lower Grades United Kingdom Crude Mill Fibre	3,241 135  16,071 82,487	\$ 607,401 29,102 	3,532 180	\$ 634,074 12,390
Crude Mill Fibre Lower Grades Canada Crude Mill Fibre Lower Grades United Kingdom Crude Mill Fibre	135  16,071 82,487	29,102 1,726,282	180	12,390
Mill Fibre Lower Grades Crade Crude Mill Fibre Lower Grades United Kingdom Crude Mill Fibre	135  16,071 82,487	29,102 1,726,282	180	12,390
Lower Grades Canada Crude Mill Fibre Lower Grades United Kingdom Crude Mill Fibre	16,071 82,487	1,726,282		
Canada Crude Mill Fibre Lower Grades United Kingdom Crude Mill Fibre	16,071 82,487	1,726,282	1	
Crude Mill Fibre Lower Grades United Kingdom Crude Mill Fibre	16,071 82,487	1,726,282		10
Mill Fibre Lower Grades United Kingdom Crude Mill Fibre	82,487			
Mill Fibre Lower Grades United Kingdom Crude Mill Fibre	82,487		11,548	1,842,823
Lower Grades United Kingdom Crude Mill Fibre		3.234 X17	81.097	3,456,460
United Kingdom Crude Mill Fibre	2001212	1.394.240	132,410	2.011.240
Crude		2,00 2,2 20	100,110	
Mill Fibre	540	106,561	477	107.626
		177	58	2,749
			336	5,490
			220	0,43
Germany	450	95 001	010	05 40
Crude	170	35,631	312	65,42
Italy				
Crude	. 0	88	2	37
Japan				
Crude	. 0	3		
France				
Lower Grades			1	2
Netherlands				
Mill Fibre			25	1,05
	205,818	\$7,134,302	229,979	\$8,139,73
Imports into U. S. A.				
Manufactured Asbestos		1005	97	1926
		1925		
	Pounds	Value	Pounds	Value
Yarn—			-	
Canada			5	
France	228	\$ 61		
Germany	1,220	1,135	1,511	1,34
Netherlands	545	548		
United Kingdom	41,323	13,289	297,423	95,28
	43,316	\$15,033	298,939	\$96,63
Fabrics, Woven-				
Canada	51	59	1,300	10
Belgium			8,750	3,01
Czecho-Slovakia .	501	857		
France	524	392		
Germany	753	474	9,788	4,06
Italy			40	14
United Kingdom	108,147	56,843	107,345	42,16
	109,976	\$58,625	127,223	\$49,49

CYPRUS ASBESTOS COMPANY





SALES OFFICE:

49 ST. JAMES'S STREET, LONDON, S. W. I.

February 1927

Page Thirty-nine

95,286 96,633 106 3,015 ... 4,069 147 42,162

49,499

1,343

26 Value

634,074 12,390

842,823 456,460 011,240 107,626 2,749

5,490 65,424

372

1,050

6 Value

	Year Pounds	1925 Value	Year Pounds	
Packing, Fabric-	Pounds	varue	rounds	Value
			8	
Austria Belgium	2.571	422	٥	8
Canada		424	1.236	120
Denmark	* * *		309	161
France	660	75		
Switzerland			90	90
United Kingdom	41,949	20,167	50,253	21,609
_	45,180	\$20,664	51,896	\$21,994
Packing, Not Fabric-		44	02,000	4,
Austria	25,918	8,605	164,410	14,373
Canada	1.361	962	653	248
France	540	155		
Germany	5.248	1.111	24,500	5.220
Switzerland	0,210		2,573	678
United Kingdom	1,346	997	6,320	2,649
-	34,413	\$11,830	198,456	\$23,167
Shingles, Slate, Woo	d or Lumb	er-		
	23,468,598	377,584	48,152,037	682,013
Canada	978,059	28,016	654,167	20,800
Denmark	77,161	1,400		20,000
France	44,275	779	1.185,793	14.108
Germany	397,817	8,619	1,166,892	22,73
Italy	212,964	2,647	312,089	5.681
Netherlands	6,558,333	113,478	2,936,200	50,483
United Kingdom	169,376	5,519		00,400
_	31,906,583	\$538,042	54,407,178	\$795,830
Asbestos Cement-				
Belgium	6.300	108	345,125	7.219
Canada	7,420	205	9,641	339
Denmark	400	64		
France			30,000	867
Germany	61,958	1.004	552,275	9,327
Italy	164,684	5,018	1,501,432	27,596
Netherlands			4,587	131
United Kingdom	29,932	983	1,381	244
_	270,694	\$7,382	2,444,441	\$45,723
Paper and Millboard-	_			
Canada	325	16	518	83
Other Manufactures-	-			
Austria	4,433	8,362	763	1,294
Belgium	1.448,634	22,129	2,099,259	30,176
Canada	11,749	636	22,565	1,831
Page Forty			Echm	uary 1927

	Year 1925		Year	Year 1926	
	Pounds	Value	Pounds	Value	
Cuba	506	58			
France	934	193	10,103	1,912	
Germany	161,709	17,464	605,473	17,349	
Italy	5,998	592	300,128	8,791	
Japan	1,200	67			
Netherlands	1,259,419	22.154	1.195,571	20,169	
Sweden			72	19	
Switzerland			466	125	
United Kingdom	78,810	29,670	103,510	55,605	
	2,973,392	\$101,325	4,337,910	\$137,271	
Grand Total All Manufactures	35,383,879	8752.917	61.866.561	\$1.170.209	

#### Imports and Exports by England.

alue

120 161 96 21,609 21.994 14,373 248

5,220 678 2,648 23,167 2.017 0.806 4,108 2,735 5,681 0,483

5,830 7,219 339 867 9,327

7,596 131

244

5,723

83

.294 .176

,831 1927

Imports of Raw Material.				
	Year	1925*	Year	1926
	Tons	Value	Tons	Value
(5	2240 lbs.)		(2240 lbs.)	
From Rhodesia	14,498	£418,043	12,430	£387,802
From Canada	7,940	141,269	8,343	154,545
From Other Countries	3,680	83,218	6,947	167,361
Total	26,118	£642,530	27,720	£709,708
Re-Shipments		174,746	2,764	100,108
Exports of Asbestos Manu	factures.			
To Netherlands	533	49,585	536	52,896
To France	487	116,423	466	91,432
To. U. S. A	139	30,206	294	51,752
To Br. India	5,010	128,159	7,246	162,920
Australia	450	75,467	512	75,859
To Other Countries	13,709	644,480	15,835	681,225
Total	20,328	£1,044,320	24,889	£1,116,084

#### AUTOMOBILE STATISTICS

Production of automobiles during 1926, as reported in our January number was 4,480,000 cars, and these had a wholesale value of \$3,056,950,000. The year set a new record, by some 150,000. Of this production, 74% were closed models. 530,000 trucks were produced, which figure is included in the total production given above. There are now registered in the United States 22,330,000 cars and trucks, which is 81% of the world registration, 27,500,000.

February 1927

Page Forty-one

<sup>\*</sup>Owing to revision by source of supply these figures differ slightly from those reported in our March 1926 issue.

# NEWS OF THE INDU





BEGGIUM

CORRUGATE

SHINGLES,

Birthdays. We extend hearty congratulations to E. M. Rogers, President of the Rogers Asbestos Company, Inc., of Houston, Texas, whose birthday occurs on February 24th.

Packard & Davis. This new company is introducing to the jobbing trade on the Pacific Coast, the Automotive products of Keasbey & Mattison Company. This is a correction of the statement made in the January number that they had taken over the Pacific Coast representation of the Keasbey & Mattison Company. H. G. Sperry & Company remain the Pacific Coast representatives for Keasbey & Mattison Company's general line of asbestos products.

Russell Manufacturing Co. On December 1st, the Russell Manufacturing Company opened a new branch office at 727 Van Ness Avenue, San Francisco, Calif., at which a stock of their automotive products will be carried and distribution to the Coast trade made from this point. The office is in charge of F. A. Gerrard, formerly connected with their New York Office.

Bunka Boeki Sho-Sha, of Tokyo, Japan, on January 1st, moved its office to The Jiji Shimpo Building, No. 1, 1-chrome, Yaesu-cho, Kojimachi-ku. They were formerly located at Tatsumi Building, Shiba Ku.

American Covering Mfg. Co. On January 10th, the Hudson County Court appointed John H. Ridley as Receiver of the American Covering Manufacturing Company. Liabilities are reported as \$50,000; assets as \$20,000.

The Illinois Freight Association has approved a proposal for stopping in transit to partly unload carload shipments of asbestos shingles and asbestos wallboard, at a rate of \$6.30 for the stopping privilege. This formerly applied only in certain parts of Illinois and the

## ELWOOD J. WILSON

350 Madison Avenue

New York : : N. Y.

RHODESIAN and CANADIAN ASBESTOS
CHRYSOTILE — BLUE — AMOSITE

The Expert Examination of Asbestos
Properties

### High-Grade Asbestos Textiles

CARDED FIBRES
YARNS. CORD, MANTLE YARNS
PLAIN AND METALLIC CLOTHS
BRAIDED AND WOVEN TAPES
BRAIDED TUBINGS
WOVEN SHEET PACKINGS
WOVEN BRAKE LININGS
GLOVES, MITTENS, LEGGINS
GASKETS, SEAMLESS AND JOINTED
PACKINGS, STEM AND HIGH PRESSURE
WICK AND ROPE

### ASBESTOS FIBRE SPINNING COMPANY

NORTH WALES, — PENNA.

con-

thday

pany

e on propany.

ment they

tison y retives

Dearing ce at cisco, auto-

disfrom

F. A. their

kyo,

ffice

rhey

uild-

On

iver

etur-

rted

has

hipstos

top-

the

1927

action of the association makes the privilege applicable to all parts of the Illinois Freight Association territory. This privilege was obtained thru the efforts of one of the asbestos shingle manufacturers who is at present erecting a large plant in the west.

"Asbestos in 1925" is the title of a brochure recently published by the U. S. Bureau of Mines, having been prepared by Blanche H. Stoddard of that Bureau.

Beton & Mollith, Co., Ltd., Manufacturers of Asbestos Shingles and concrete pipes at Moll, Belgium, have recently published a most attractive booklet giving several views of their works. Anyone interested can obtain a copy upon request.

New Asbestos Discovery. According to the South African Press an Asbestos rim containing 8 seams within a space of 324 feet has been located in the Ermelo district, which is near the Carolina district in the Transvaal, South Africa. The property is being opened up to prove quality and content.

Will our readers forward to us any further information concerning this new deposit which they have or may obtain?

T. M. Russell, President of the Russell Manufacturing Company of Middletown, Conn., on January 29th sailed to Bermuda for a short vacation.

Asbestos Corporation, Limited, recently declared a quarterly dividend of 1% per cent, on their preferred stock, payable to holders of stock as of January 15th.

The Asbestos Cement Utilization and Sales Company (Abestzement Verwertungs-und Vertriebs G. M. B. H.) has recently been formed by German producers of asbestos cement, its headquarters being at Berlin. The company has been organized for the purpose of promoting the use of asbestos cement products of all kinds and to acquire both in the United States and abroad, patents applying to its production. This according to report dated December 13th, of Trade Commissioner W. T. Daugherty of Berlin, to the U. S. Department of Commerce.

Asbestos-Cement Pipes Ltd., was registered as a private company on January 4th, with a nominal capital of £20,000 in 18,000 ordinary shares of £1 each and 40,000 deferred shares of 1s. each. The object of the company is stated to be to carry on the business of manufacturers of and dealers in all asbestos and/or asbestos cement or cement-articles, pipes, drains, building materials, slates, iron and steel girders, plates and other articles, woodwork, concrete, earthenware and allied materials, etc., and to adopt agreement with E. R. Mund and with Societa Anonima "Eternit" Pietra Artificiale.

The first directors are: F. Moore, 20 Copthall Ave., E. C., member of London Stock Exchange; A. Donnay, address not stated; E. R. Mund (managing director), 1-3 Creechurch Lane, E. C. 4 (managing director of E. R. Mund & Co., Ltd.); Jean Henrotte, address not stated; A. Mazza, address not stated. The said A. Mazza is a nominee of Societa Anonima "Eternit" Pietra Artificale, of Genoa, Italy, and on his ceasing to be a director of the said of the sa

# CONSOLIDATED ASBESTOS and BASE METALS, Ltd.

WHITE BLUE

AMOSITE

o all ilege

est.

pubd by

pubheir

ican

324

the

erty

con-

uda

ter-

able

any re-

ent.

orent tes

rd-

T. ate in of

ld-

er

ls,

C.,

le.

in d. t" ec-

All kinds of Asbestos Mines and properties for sale.

Asbestos and Base Metal properties always on hand for outright purchase.

Properties reported on and proved by experienced Engineers.

A special Branch deals with precious stones and metals.

All inquiries should be addressed to the Secretary.

3

Consolidated Asbestos & Base Metals, Limited, 30/33, Royal Chambers, Simmonds Street P. O. Box 629

Johannesburg - S. Africa

CABLE ADDRESS: "Belcotton."

CODES: Bromhall's, Bentley's, A. B. C., 5th Edition,
Western Union.

tor a new director may be appointed in his stead. A. R. Neelands is a nominee of the Francois Cementation Co., Ltd., and on his ceasing to be a director, they may appoint his successor. Qualification of directors, 50 ordinary shares. Remuneration, as fixed by the company. Registered Office 1-3 Creechurch Lane. E. C.

Brik-Lyk Air Cell Veneering, is the name of a new asbestos product patent for which has been applied for. The material is designed to give the exact appearance of a well laid brick job but, as its name suggests, is really an asbestos cement product to be veneered to either old or new buildings in the same manner as shingles are applied. A further description of this material will be published in the March issue.

Standard Asbestos Company, 69 Beekman Street, New York City, has recently been incorporated with a capital of \$50,000, the incorporators being H. A. Hirschfeld, C. H. Weaver and H.

A. Schumacher.

Rochdale Asbestos Company, Ltd., of Rochdale, England, announces the death of their works manager and director, John

William Whatmough, on January 9th, 1927.

The "Gorny" (Engineering) Journal, published in Moscow, contains in a recent issue, an article by P. Voloskov on "Experiments on the Wet Concentration and Classification of Asbestos and Their Application in Practice." The article is, of course. written in the Russian language.

Johns-Manville Corporation, is reported to be making preparations for the erection of a large mill for the handling of asbestos ore at its mines at Chrysotile, Arizona. The mill should be in operation by May 1st, and will mean a great increase in the mine output and the doubling of the number of men employed .- Arizona Mining Journal.

Hollywood Asbestos Mines, Inc. Abb Landis, (now sole owner of the properties formerly operated by the Asbestos Mining & Manufacturing Company of Hollywood, Ga.,) has decided to change the name of the Company to the Hollywood

Asbestos Mines, Inc.

#### PATENTS

Heat Insulator and Method of Making Same. No., 1,607,780. Granted on November 23rd, to Cassius C. Palmer of New York

City. Filed July 12, 1923. Serial No. 651,001. Described as a heat insulator composed of a plurality of superimposed, substantial, rigid sheets, a fibrous material having opposing surfaces formed with a plurality of recesses separated by relatively narrow walls, opposite recesses being in substantial register with one another, so as to form chambers, the parts being held together by an adhesive, and said chambers being segregated from each other on all sides by the chamber walls.

Roofing. No. 1,606,496. Granted on November 9th, to Charles J. Beckwith and Roger K. Austin, Brooklyn, N. Y., assignor to Johns-Manville, Inc., New York City. Filed August 29, 1925. Serial No. 53,349.

Page Forty-six

February 1927

881

cel

me

sh

la

73

D

il

Described as a composite roofing material comprising assembled foundation sheets of corrugated compressed asbestos cement concrete, a heat insulating layer of porous plastic material molded to and completely covering the assemblage of corrugated sheets, and substantially plane on its upper surface and asphaltlaid felted weatherproofing over said heat insulating layer.

Process of and Apparatus for Forming Cellular Building Blocks. No. 1,608,690. Granted on November 30th, to Harold S. Ashenhurst, Chicago, Ill., assignor by mesne assignments to Insulex Corporation, Chicago. Filed August 7, 1924. Serial No. 730,721. Renewed May 3, 1926.

Described as the process of making blocks which comprises placing in a mold a mass of materials which will expand and set in expanded condition, then removing the mold when the mass has set and then moving the expanded and set cellular body of material into contact with dividing means for cutting the body into a plurality of smaller blocks.

Insulating Composition Process and Article. No. 1,610,203. Granted on December 7th, to Bradford S. Covell, Meriden, Conn., assignor to Connecticut Telephone & Electric Company, Inc., Meriden, Conn. Filed August 15, 1922. Serial No. 582,076.

Described as a cold, moldable composition comprising coarse, high temperature resisting hydraulic cement, slate flour, water glass of solution of approximately 1.38 specific gravity, a small percentage of Asbestos and sufficient non-hydroscopic fusible salt to prevent rapid setting under normal atmospheric conditions.

Insulating Structure. No. 1,611,907. Granted on December 28th to Charles C. Hall, Alexandria, Ind., assignor to Banner Rock Products Co., Alexandria, Ind., a corporation. Filed Nov. 2, 1925. Serial No. 66,313.

Described as an insulating structure comprising a body of insulating material, but having one side formed with a continuous surface and the other side divided into a plurality of individual surfaces separated from each other by an intervening space extending substantially to the other continuous surface, a continuous layer of material secured to the continuous surface of said structure, a plurality of separate binding strips secured to the individually separated surfaces of the other side and a plurality of anchor members extending thru each of the separated sections from one side to the other for binding the insulating material forming said separating sections between said materials.

Heat Insulating Material. No. 1,613,137. Granted on January 4th to W. R. Seigle, Mamaroneck, N. Y., assignor to Johns-Manville, Inc., Filed Nov. 25, 1925. Serial No. 71,435.

Described as the method of making heat resistant insulating blocks comprising as steps the formation of a disperse system of bentonite, and water, while maintaining ebullition of the water, adding heat refractory fibre and diatomaceous earth to said disperse system while agitating the same by air jets and subsequently molding blocks by expression of water from association with the solids.

February 1927

Nee-

., and

essor.

on, as

Lane.

estos

terial

k joh

oduct

anner

terial

York

0,000,

d H.

land.

John

COW,

sbes-

urse,

king g of

ould

e in

sole

stos

de-

ood

780.

ork

of

av-

ar-

ub-

the

per

to

as-

ıst

27

Page Forty-seven



### Asbestos Prepared Roofing

- 3 Ply White Seal Asbestos Roofing
- 4 Ply White Seal Asbestos Roofing
- 4 Ply Fire Chief Asbestos Roofing, Burlap Center
- 3 Ply Black Seal Asbestos Roofing
- 4 Ply Black Seal Asbestos Roofing

These are all mineral products made to withstand the elements and give life time service.

Approved by the Board of Underwriters' for use in fire zones.

Highest quality Roofing manufactured. First cost your only cost.

### Asbestos Built-Up Roofing Felts

Asbestos Asphalt No. 2 Impregnated Felt Asbescoat No. 67 Base Felt Asbestos No. 30 Base Felt Asbestos No. 35 Base Felt 2 Ply White Seal Asbestos Base Felt 2 Ply Black Seal Asbestos Base Felt

### H. F. WATSON COMPANY

Manufacturers

CHICAGO BRANCH 5333 S. Western Ave. Erie, Pa.

## 85% Magnesia

Steam Pipe and Boiler Insulation and Locomotive Lagging



The Lightest Weight Steam Pipe and Boiler Insulation Made

That is Structurally Strong and Permanently Effective

IS

"Ehret's 85 % Magnesia"

Made at

VALLEY FORGE, PENNSYLVANIA

Since 1897

By

Ehret Magnesia Manufacturing Co.

Distributors Everywhere

BRANCH OFFICES

NEW YORK

re

1927

**PHILADELPHIA** 

CHICAGO

# Asbestos and Mineral Corporation

WALTER R. LEVENTRITT, President

1819 Broadway NEW YORK CITY

World's Largest Distributors of ASBESTOS CRUDES, FIBRES and SAND

Specializing in Grades Produced by

## Bell Asbestos Mines Thetford Mines Canada

...BRANCHES...

London

Paris Hamburg

Genoa

ıl

v

D

a

Press